

MICB recombinant protein

Biotinylated Human MICB Protein Recombinant

CATALOG #	HOST
AAA76213	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

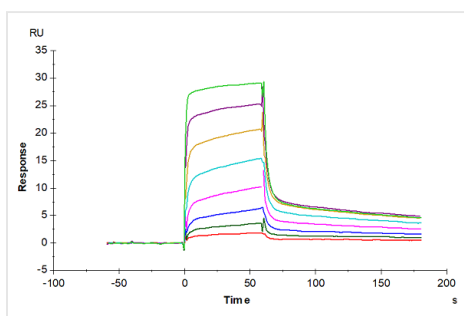
PRODUCT SYNONYMS

MICB; Biotinylated Human MICB Protein Recombinant; MICB recombinant protein

PRODUCT SPECIFICATIONS

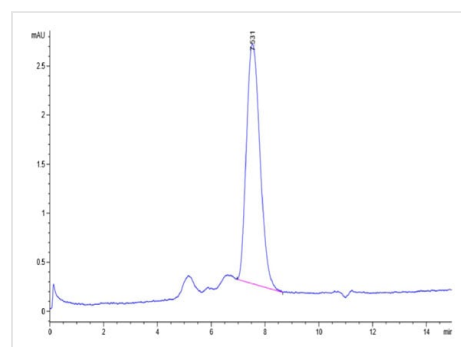
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human MICB was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human MICB including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Biological Process	Immunity, Cytolysis, Host-virus-interaction
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



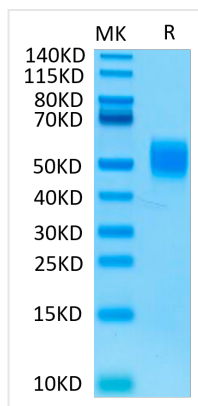
Application Data

Biotinylated Human MICB Protein SPR Data Human NKG2D, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Human MICB, His Tag with an affinity constant of 60.38 nM as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human MICB Protein SEC-HPLC The purity of Biotinylated Human MICB is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human MICB Protein Tris-Bis PAGE Biotinylated Human MICB on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for MICB recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	574584674
NCBI GeneID	4277
NCBI Accession #	NP_001276089.1
NCBI GenBank Nucleotide #	NM_001289160.1
UniProt Accession #	Q29980; O14499; O14500; O19798; O19799; O19800; O19801; O19802; A2AC57; A6NP85; B0UZ10; B2RAK2
Molecular Weight	4,287 Da
NCBI Official Full Name	MHC class I polypeptide-related sequence B isoform 2
NCBI Official Synonym Full Names	MHC class I polypeptide-related sequence B
NCBI Official Symbol	MICB
NCBI Official Synonym Symbols	PERB11.2
NCBI Protein Information	MHC class I polypeptide-related sequence B; MHC class I chain-related protein B; MHC class I mic-B antigen; MHC class I-like molecule PERB11.2-IMX; MICB; stress inducible class I homolog
UniProt Protein Name	MHC class I polypeptide-related sequence B
UniProt Gene Name	MICB
UniProt Synonym Gene Names	MIC-B
UniProt Entry Name	MICB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/micb-recombinant-protein-hek293-cells/76213>